



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 09-12-2023

Test No: 1614

Weather: Sunny

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (ECR-1997)	Instrument / Method	River Water	IPR Water	Raw water	Post-sedimentation / Pre-filters Water	Post-filters / Pre-Treated Water	Post-Treated Water		
						Sampling Time: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 11:20 AM	Sampling Time: 11:25 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.6	25.7	25.2	25.4		
2	pH		day	6.5-8.5				8.07	7.81	7.72	7.68		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	53.4	10.2	9.84	1.72	0.55	0.34		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			62	29	12	6		
5	Suspended Solid	mg/L	day	...				58	7	7	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						2.97		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	30	40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						180.3	160.1	159.5

Remark: